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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/060,054	01/28/2002	Yangbin Wang	019961-001300US	6582

20350 7590 03/07/2007
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EXAMINER

NGUYEN BA, HOANG VU A

ART UNIT	PAPER NUMBER
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2623

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/060,054	Applicant(s) WANG, YANGBIN	
	Examiner Hoang-Vu A. Nguyen-Ba	Art Unit 2623	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responsive to the application filed January 28, 2002.
2. Claims 1-12 have been examined.

Priority

3. The priority date considered for this application is January 29, 2001, which is the filing date of the Provisional Application No. 60/265,031.

Oath/Declaration

4. The Office acknowledges receipt of a properly signed oath/declaration filed January 28, 2002.

Drawings

5. The drawings filed on January 28, 2002 is objected because:
in FIG. 5, the connecting line between decision block 535 and block 532 should have an arrowhead at the block-532 end.

Specification

6. The Abstract is objected to because it contains more than 150 words.
7. The specification is objected to because of the following minor informalities: at page 2, line 16, the word "move" should be changed to – movie –

Claim Objection

8. Claim 2 is objected to because of the following minor informalities:
Claim 2 recites the limitation "sever." This limitation should be changed to – server –

Claim Rejections – 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejection under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in

(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, or

(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for the purposes of this subsection of an application filed in the United States and was published under Article 21(2) of such treaty in the English language

10. Claims 1-12 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,937,730 to Buxton.

Claim 1

Buxton discloses at least:

forming a secured media object and a residual mask for the secured media object, the secured media object being disabled (see at least FIG. 1, items 10, 12);

replicating the secured media object into a plurality of secured media object copie 1 through N, each of the secured media object copies representing the secured media object, where N represents an integer greater than 1 (see at least 4:25-35);

transferring the secured media object copies 1 through N into respective distribution servers 1 through N through a network (see at least FIG. 1, item 24, 26, 28; and e.g., 4:60-63);

storing the secured media object copies 1 through N in memories of the respective distribution servers 1 through N (Buxton does not specifically disclose storing the

secured media object copies in the memories of the distribution server, e.g., local distributor 16; however, this storing is deemed inherently performed by the local distributor 16 because if the secured media object copy is not loaded onto at least the RAM of the local distributor, then the instruction code residing on the processor of the local distributor does not have “something” to send to the first receiver, e.g., *transmit “masked_content” to First_Receiver* – the masked content has to be at least present in the RAM/memory of the local distributor).

scheduling delivery based upon a selected time and date of one of the secured media object copies at one of the distribution servers to a client device through the network (see at least 4:20-22); and

transferring the selected secured media object copy from the selected distribution server at the selected delivery time and date through the network (see at least FIG. 1, items 24, 26, 28; FIG. 6; steps 104, 110; FIG. 7, steps 160, 166; FIG. 9, step 310; FIG. 10, step 328).

Claim 2

The rejection of base claim 1 is incorporated. Buxton further discloses *wherein the scheduling delivery is provided by a management server coupled to the network* (see at least FIG. 1, item 14; FIG. 10, step 320).

Claim 3

Rejections of base claim 1 and intervening claim 2 are incorporated. Buxton further discloses *wherein the network comprises a cable television network* (see at least 1:16) *or a network of computers* (see at least FIG. 1, items 14, 16, 18, 20, 22, 30, 32, 34; 5:21-23, e.g., a set-top box is usually part of a cable television network).

Claim 4

The rejection of base claim 1 is incorporated. Buxton further discloses *associating the selected secured media object copy with a residual file to form an unsecured media object copy* (see at least FIG. 7, step 162; e.g., reverse masking operation; FIG. 10, step 326; FIG. 11, steps 354, 356; or any operations by the Buxton system to render the original content once the receiver has been authenticated).

Claim 5

Rejections of base claim 1 and intervening claim 4 are incorporated. Buxton further discloses *outputting the unsecured media object copy on a display of the client device* (see at least FIG. 1, item 30; FIG. 6, step 106; FIG. 7, step 164).

Claim 6

Rejections of base claim 1 and intervening claim 4 are incorporated. Buxton further discloses *wherein the associating is provided at the client device* (see at least FIG. 1, item 30; FIG. 6, step 106; FIG. 7, step 164).

Claim 7

The rejection of base claim 1 is incorporated. Buxton further discloses *wherein the replicating is provided at the management server* (see at least 4:25-35).

Claim 8

The rejection of base claim 1 is incorporated. Buxton further discloses *wherein the secured media object comprises an ID number* (see at least 5:30-35).

Claim 9

The rejection of base claim 1 is incorporated. Buxton further discloses *wherein the network of computers is the Internet* (see at least 1:28-31).

Claim 10

The rejection of base claim 1 is incorporated. Buxton further discloses *wherein the client device is selected from a television, a computer, a personal digital assistant, a network computer, and a workstation* (see at least 5:21-25).

Claim 11

Buxton discloses *a system for providing security to compressed digital media* (see at least FIG. 1), *the system including a medium for computer codes, the codes include at least:*

a code directed to forming a secured media object and a residual mask for the secured media object, the secured media object being disabled (see at least FIG. 1, items 10, 12);

a code directed to replicating the secured media object into a plurality of secured media object copies 1 through N, each of the secured media object copies representing the secured media object, where N represents an integer greater than 1 (see at least 4:25-35);

a code directed to transferring the secured media object copies 1 through N into respective distribution servers 1 through N through a network (see at least FIG. 1, item 24, 26, 28; and e.g., 4:60-63);

a code directed to storing the secured media object copies 1 through N in memories of the respective distribution servers 1 through N (Buxton does not specifically disclose storing the secured media object copies in the memories of the distribution server, e.g., local distributor 16; however, this storing is deemed inherently performed by the local distributor 16 because if the secured media object copy is not loaded onto at least the RAM of the local distributor, then the instruction code residing on the processor of

the local distributor does not have “something” to send to the first receiver, e.g., *transmit “masked_content” to First_Receiver* – the masked content has to be at least present in the RAM/memory of the local distributor);

a code directed to scheduling delivery based upon a selected time and date of one of the secured media object copies at one of the distribution servers to a client device through the network (see at least 4:20-22); and

a code directed to transferring the selected secured media object copy from the selected distribution server at the selected delivery time and date through the network (see at least FIG. 1, items 24, 26, 28; FIG. 6; steps 104, 110; FIG. 7, steps 160, 166; FIG. 9, step 310; FIG. 10, step 328).

Claim 12

The rejection of base claim 11 is incorporated. Buxton further discloses *wherein the computer codes are provided on a single memory or a distributed memory* (see at least FIG. 12, items 408, 406).

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to Applicant’s disclosure.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoang-Vu “Antony” Nguyen-Ba whose telephone number is (571) 272-3701. The examiner can normally be reached on Tuesday-Friday from 7:15 am to 5:35 pm.

If attempts to reach the examiner are unsuccessful, the examiner’s supervisor, John Miller can be reached at (571) 272-7353.

The fax phone number for the organization where this application or

proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2600 Group receptionist (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free).



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February 27, 2007